

Marshall Electronics

BC-0103-08 - Low cost Analog to Digital (SDI) Converter



Composite Video or Y/C (S-Video) (NTSC/PAL) to Serial Digital Interface (SDI) conversion module. Featuring automatic cable compensation, 10-bit processing and a superior adaptive comb filter, the BC-0103-08 is an ideal solution for DTV applications and facility transitions to a digital environment.

- **MSRP of \$495.00 includes module and power supply**
- **Converts Composite Video or Y/C to Digital Component (SDI)**
- **NTSC or PAL operation with automatic detection**
- **Illuminated power and input signal indicators**
- **Adaptive filtering removes NTSC interlace artifacts**
- **2 x over sampling for true color reproduction**
- **10 Bit analog to digital conversion**
- **8-bit quantization of output signal**
- **Supports closed captioning**

SPECIFICATIONS

Signal Input	BNC for Composite Video 75 Ω , 4 pin mini-din Y/C Video
Signal Output	2 BNC SDI 8 bit Component Digital (SMPTE-259M/ITU-R BT601)
Sample Frequency	27mhz
K factor	<1%
Signal to Noise	>54 db
Differential gain/phase	0.7% / 0.6 $^{\circ}$
Input Cable length	Up to 1000ft (300m) AGC compensated (Belden 8281)

GENERAL INFORMATION

Power required	6V D.C. from external supply 3.0 Amp max
Dimensions	4.75"W x 3.75"D x 1.0"H
Weight	0.55 lbs

INCLUDED ACCESSORIES:

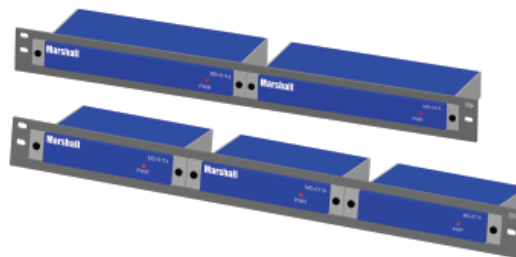
- Power Supply (Class 2)
- Users Guide
- Rack Mount Brackets

OPTIONAL ACCESSORY:

- Desktop Stand V-CB1



V-CB1 Desktop Stand



V-CRM-2 - 2U (1.75" tall) Conversion and Distribution 2 Module Bracket.

V-CRM-3 - Single 3U (1.75" tall) Conversion and Distribution 3 Module Bracket.

Warranty

Marshall Electronics warrants to the first consumer, that this BD-0914-D HDS/SDI or SDI Signal Distribution Amplifier will, under normal use, be free from defects in workmanship and materials, when received in its original container, for a period of one year from the purchase date.

This warranty is extended to the first consumer only and proof of purchase is necessary to honor the warranty. If there is no proof of purchase provided with a warranty claim, Marshall Electronics reserves the right, not to honor the warranty set forth above. Therefore, labor and parts may be charged to you.

This warranty does not apply to product exterior and cosmetics. Misuse, abnormal service or handling, improper alterations or modifications in design or construction, voids this warranty. No sales personnel of the seller, nor any other person is authorized to make any warranties other than those described above, or to extend the duration of any warranties on behalf of Marshall Electronics, beyond the time period described above.

Due to constant effort to improve products and product features, specifications may change without notice.